OK TO ENTER: /ML/

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Matsui et al.

Appl. No.:

10/540,237

Conf. No.:

1612

Filed:

July 19, 2005

Title:

FUNCTIONAL MOLECULAR ELEMENT AND FUNCTIONAL

MOLECULAR DEVICE

Art Unit:

2824

Examiner:

Michael P. Lulis

Docket No.:

112857-457

Mail Stop AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## RESPONSE TO FINAL OFFICE ACTION

Sir:

In response to the Final Office Action dated October 9, 2007, the following arguments are asserted:

The Present Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.